

The Detroit Edison Company
One Energy Plaza, Detroit, MI 48226-1279



10 CFR 52

July 19, 2010
NRC3-10-0032

U. S. Nuclear Regulatory Commission
Attention: Document Control Desk
Washington, DC 20555-0001

- References:
- 1) Fermi 3
Docket No. 52-033
 - 2) Letter from Douglas R. Gipson (Detroit Edison) to U.S. Nuclear Regulatory Commission (NRC), "Voluntary Response to RIS 2007-08: Plans for the Submittal of a Combined License Application for the DTE Energy Fermi Site," NRC3-07-0001, dated May 31, 2007
 - 3) Letter from Eugene S. Grecheck (Dominion) to U.S. Nuclear Regulatory Commission (NRC), "Dominion Virginia Power North Anna Unit 3 Combined License Application - Technology Change," NA3-10-010, dated May 18, 2010
 - 4) Letter from Eugene S. Grecheck (Dominion) to U.S. Nuclear Regulatory Commission (NRC), "Dominion Virginia Power North Anna Unit 3 Combined License Application - Submissions 6 and 7," NA3-10-011, dated June 28, 2010
 - 5) Letter from Eugene S. Grecheck (Dominion) to U.S. Nuclear Regulatory Commission (NRC), "Dominion Virginia Power North Anna Unit 3 Combined License Application Request for Exemption from 10 CFR 50.71(e)(3)(iii)," NA3-09-039, dated November 17, 2009

Subject: Detroit Edison Company Supplemental Response to RIS 2007-08: Reference COLA Status

In Reference 2, Detroit Edison submitted a voluntary response to Regulatory Issue Summary (RIS) 2007-08 that described Detroit Edison's intent to submit a Combined License Application (COLA) as a Subsequent-COLA (S-COLA), utilizing standard material defined by a Reference-COLA (R-COLA) and working within the Design Center Working Group (DCWG) framework. At the time of that submittal, Detroit Edison had not yet selected a reactor technology.

In September 2008, Detroit Edison submitted an S-COLA, utilizing standard content from the Dominion North Anna Unit 3 R-COLA and the General Electric-Hitachi (GEH) Economic

D095

Simplified Boiling Water Reactor (ESBWR) Design Control Document (DCD). This supplemental response to RIS 2007-08 addresses the revised status of the ESBWR R-COLA in view of Dominion's change of reactor technology described in References 3 and 4. By virtue of Dominion changing reactor technology, the Fermi 3 COLA is the sole application referencing the ESBWR DCD, and is, thus, the ESBWR R-COLA.

Over the past few months, Detroit Edison has worked closely with Dominion, with the understanding that an ESBWR R-COLA transition may occur. In Reference 5, Dominion requested an exemption from their scheduled R-COLA FSAR update. At that time, Detroit Edison continued to progress toward submittal of the Fermi 3 COLA revision, incorporating changes resulting from ESBWR DCD Revision 6 and standard COLA material identified in collaboration with Dominion and GEH. By advancing the Fermi 3 COLA incorporation of ESBWR DCD Revision 6 ahead of the R-COLA, Detroit Edison has established a leading role within the ESBWR DCWG. Detroit Edison intends to maintain a leading role throughout the remainder of the Fermi 3 COLA review process.

In the spirit of the DCWG approach, Detroit Edison has maintained faithful alignment with the R-COLA throughout the preparation, submittal, and revision of the Fermi 3 COLA, and has consistently incorporated the standard material identified in the R-COLA, up to the current Fermi 3 COLA revision submitted in March 2010. Non-standard adaptations, supplements or departures were minimized and were implemented only as dictated by site-specific circumstances. In addition, Detroit Edison has reviewed and accepted the standard responses to NRC Requests for Additional Information (RAIs) submitted for the R-COLA and has assumed responsibility for the resolution of the remaining R-COLA open items relating to standard material.

Detroit Edison will continue this approach as the ESBWR R-COLA and will continue to reference the GEH ESBWR DCD in the Fermi 3 COLA. Detroit Edison is currently working with GEH to incorporate standard material in the Fermi 3 COLA which addresses the impacts of the ESBWR DCD Revision 7. Detroit Edison is also reviewing potential changes and identifying standard implementation requirements associated with the anticipated ESBWR DCD Revision 8, currently scheduled to be submitted by GEH in the fall of 2010.

Detroit Edison appreciates the opportunity to assist the NRC in planning for these activities supporting the review of the Fermi 3 COLA. If you have any questions, or need additional information, please contact me at (313) 235-3341.

Sincerely,



Peter W. Smith, Director
Nuclear Development – Licensing & Engineering
Detroit Edison Company

cc: Jerry Hale, NRC Fermi 3 Project Manager
Adrian Muniz, NRC Fermi 3 Safety Project Manager
Bruce Olson, NRC Fermi 3 Environmental Project Manager
Fermi 2 Resident Inspector
NRC Region III Regional Administrator
NRC Region II Regional Administrator
Supervisor, Electric Operators, Michigan Public Service Commission
Michigan Department of Environmental Quality, Radiological Protection and Medical
Waste Section